

Dual Signal HC2815/WS2815 RGB Addressable LED strip 12V 144LEDs/m



◆ Product Description:

Addressable 12V LED Strip with 144pcs SMD5050 RGB HC2815/WS2815 LEDs
 Dual signal line transmission and Break point resume
 The strip will keep working if any LED becomes damaged or physically removed
 High density 144Pixels/m, cut-able every 6.9mm
 The PCB is 3 Ounce copper for heat dissipation
 DC12V voltage, the voltage drop will be less
 White & Black PCB, PCB wide is 12mm
 1 Meter per reel, Customized sizes are also available
 4Pin JST SM connector, IP Rate: IP20, IP64, IP65



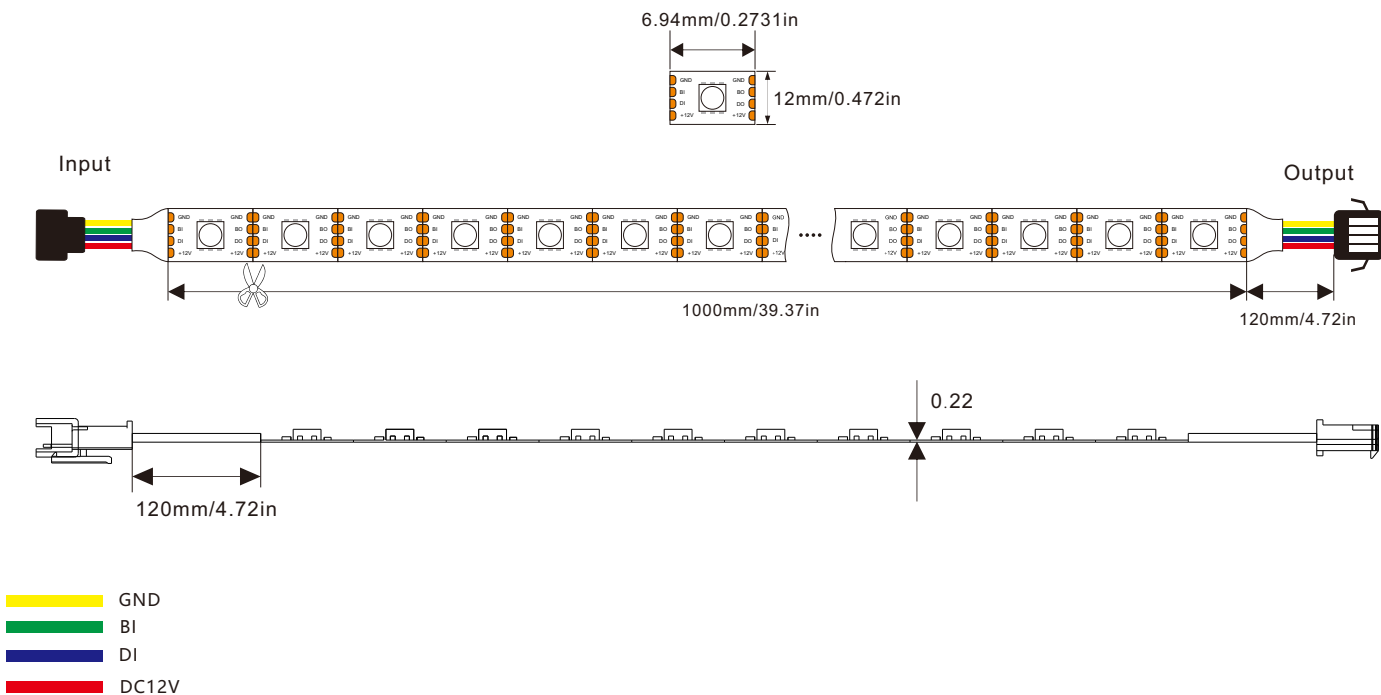
◆ Product Datasheet

Product Number	S012144CB3SB7
Operating Voltage	DC12V
Power/m	20W
SMD Type	SMD 5050
LED Qty/m	144
Cutting Length	6.94mm/1LED
Color	RGB
Luminance/m	R: 30lm G: 87lm B: 18lm
Wavelength	R:620-625 G:520-525 B:460-465nm
Control	HC2815/WS2815
Pixel/M	144
Material	FPC
Beam Angle	120°
Size (mm)	1000x12mm
IP Rating	IP20/IP64/IP65
Operation Temperature	- 25 ~ 60°C

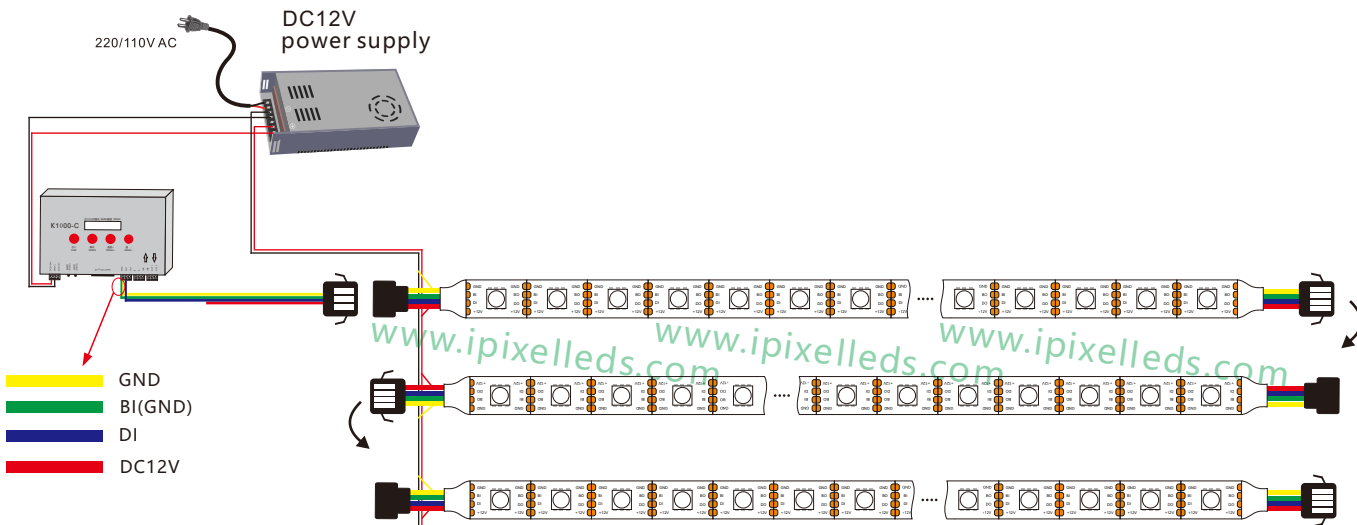
Remarks:

- 1.The above parameters were tested according to integrating sphere TM-30-15.
- 2.The output data is based on IP20 and one merter.
- 3.The data such as power etc, $\pm 15\%$ tolerance is normal.
- 4.IP protection process causes changes in size, CCT and luminous flux.

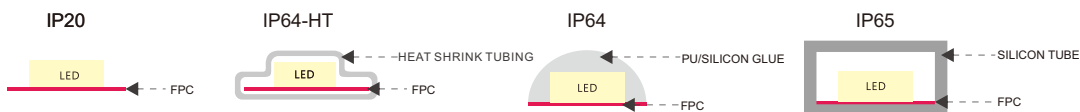
◆ Outline Dimension (unit:mm)



◆ Wiring diagram



◆ IP Rating



◆ Related products:

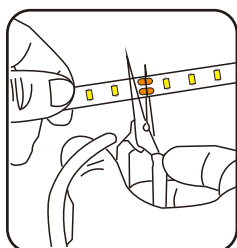


Power supply
LRS-350-12



LED Controller
K-1000C

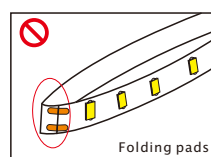
◆ Installation method:



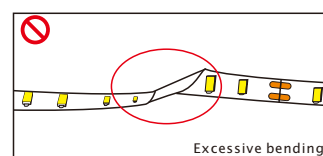
Can be cut



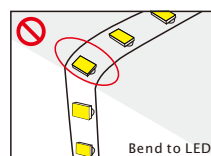
Tear off the 3M adhesive as need



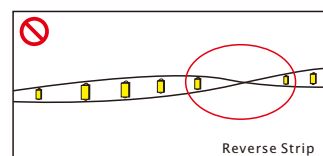
Folding pads



Excessive bending



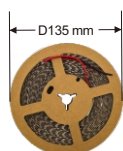
Bend to LED



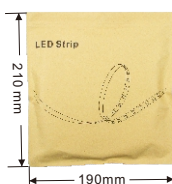
Reverse Strip

Distortion(Wrong)

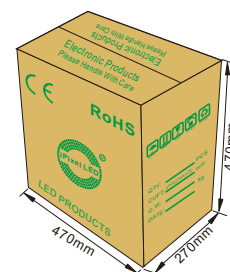
◆ Product packaging



Reel



Antistatic bag



Note: The parameters are subject to change without notice!